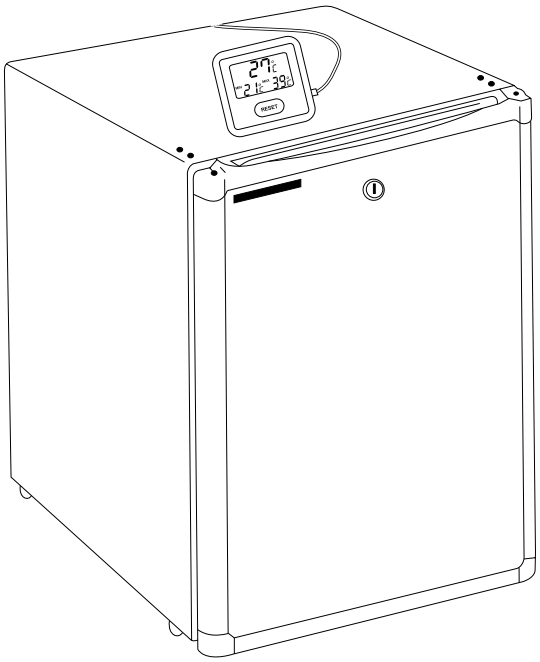
Dometic

Health Care refrigerator
Arzneimittel-Kühlgerät
Réfrigérateur pour Soins de santé
Frigorifero medicale
Koelkast voor medische doeleinden
Frigorífico Health Care
Refrigeração medicinal
Kylskåp för läkemedel
Medisinkjøleskap
Køleboks til sundhedssektoren
Näyte/lääkejääkaappi

RA 122 H, RA 212 H



CE

Operating Instructions GB
Bedienungsanleitung DE
Mode d'emploi FR
Istruzioni per l'uso IT
Handleiding NL
Manual de Instrucciones ES
Instruções de serviço PT
Bruksanvisningar SE
Bruksanvisning NO
Betjeningsvejledning DK
Käyttöohje FI

207.5180.01

Please read these operating instructions carefully before putting the refrigeration unit into operation. If you later sell or dispose of it, please ensure that the new owner receives these operating instructions.

Please follow the installation details below carefully Guarantee is valid for products installed as described only. (See chapter 4.1)

Thank you for choosing our appliance. We are sure it will provide you with trouble-free use.

In the following, we would like to familiarise you with some symbols, which we bring to your attention to ensure the safe and efficient operation of the appliance:

source of danger, in event of improper operation

suggested useful tips to read

information concerning environmental protection

This refrigerator is intended for the storage of drugs at temperatures within the range +2°C to +8°C. A digital type thermometer is provided which may be fixed to the top of refrigerator. (Fig.1 , page 4)

Attention!

THIS REFRIGERATOR IS NOT SUITABLE FOR THE STORAGE OF BLOOD.

Attention!

- **This product is designed to be operated by adults. Children should not be allowed to tamper with the controls or play with the product.**
- **Any electrical work required to install this appliance should be carried out by a qualified electrician.**
- **This product should be serviced by an authorised Service Engineer, and only genuine spare parts should be used.**
- **It is dangerous to alter the specifications or modify this product in any way.**
- **Care must be taken to ensure that the appliance does not stand on the electrical supply cable.**
- **There are working parts in this product which heat up. Always ensure that there is adequate ventilation as a failure to do this will result in component failure and possible content loss. See installation instructions.**
- **Parts which heat up should not be exposed. Wherever possible the back of the product should be close to a wall but leaving the required distance for ventilation as stated in the installation instructions.**
- **Before defrosting, cleaning or maintenance work is carried out, be sure to switch off the appliance and unplug it.**
- **DO NOT USE SHARP INSTRUMENTS to scrape off frost or ice. Under no circumstances should solid ice be forced off the cooling fins. Solid ice should be allowed to thaw when defrosting the appliance. See defrost instructions.**
- **This appliance is heavy. Care should be taken when moving it.**
- **Under no circumstances should you attempt to repair the appliance yourself. Repairs carried out by inexperienced persons may cause injury or more serious malfunctioning. Refer to your local Service Centre and always insist on genuine spare parts.**
- **In this appliance the storage of any toxic or explosive substance is forbidden!**

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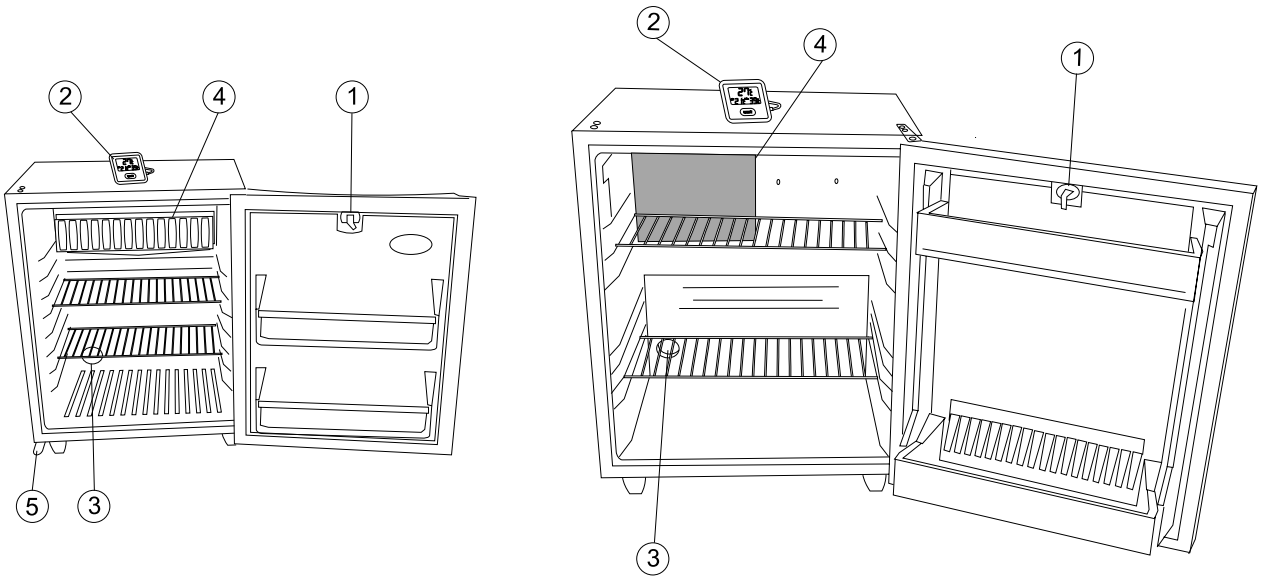
GB

1. Unpacking

After removal from the cardboard packaging, make sure the appliance is not damaged. If you find damage to the appliance resulting from transport, report it immediately to the transportation firm.

2. View of the appliance



RA 122 H

RA 212 H

Figure 1.

1. door lock
2. thermometer
3. thermostat knob
4. evaporator
5. hinge plate

DOMETIC RT DO NOT ACCEPT LIABILITY FOR LOSS OR DAMAGE OF KEYS. HOWEVER WE WOULD BE HAPPY TO SUPPLY A COMPLETE LOCK AND KEY REPLACEMENT.

3. Cleaning

Clean the refrigerator thoroughly at intervals, as necessary. Remove the shelves; these, the cabinet interior and the door should be washed with a warm solution of sodium bi-carbonate. Finally wipe over with a cloth rinsed in warm water only, and dry with a clean cloth. Do not wash any plastic parts in water that is more than hand warm, and do not expose them to dry heat. The outside of the cabinet should be wiped down regularly with a clean, damp cloth.

NEVER USE STRONG CHEMICALS OR ABRASIVE CLEANING MATERIALS ON ANY PART OF THE CABINET.

4. Positioning the appliance

When first using this refrigerator please consider the following points:

- ENSURE REFRIGERATOR IS LEVEL
- THE PIPEWORK AT THE BACK GETS HOT IN USE
- THE REFRIGERATOR HAS NO 'MOTOR' AND IS THEREFORE VIRTUALLY SILENT
- ALLOW AT LEAST 3 HRS. FOR SIGNS OF COOLING

During the refrigeration process, the appliance gives off heat from the condenser (under the upper part of the rear cover) into the surrounding air. The more ventilated the condenser is, the more effective the refrigeration will be.

- The other condition for satisfactory operation is that the appliance stands on a flat surface. This is best seen by placing a glass of water on top of the appliance.
- It is important that the appliance is not directly exposed to radiated heat (sunlight, radiator, near an oven, etc.).

4.1. Installation instructions

The refrigerator is equipped with an electrically heated absorption cooling unit which is virtually silent in operation. The fridge is designed for free-standing installation, but can be built-in if the following conditions are complied with to ensure satisfactory operation and maximum cooling efficiency.

IMPORTANT

Please follow the installation details below carefully Guarantee is valid for products installed as described only.

1. **The refrigerator must be level both directions**
2. **There should be 20mm clearance to the wall**
3. **Ventilation must be provided as shown in alternatives A, B, C or D (fig 2-3)**
4. **The ventilation duct must at least measure 105mm x the width of the refrigerator**
5. **Only the entire cooling unit must project into the duct as shown**
6. **Air passing through the duct must not be preheated by any source of heat**
7. **Ventilation grills, if used, must have openings of at least 200cm² each**

During installation, please ensure the mains plug is accessible at all times.

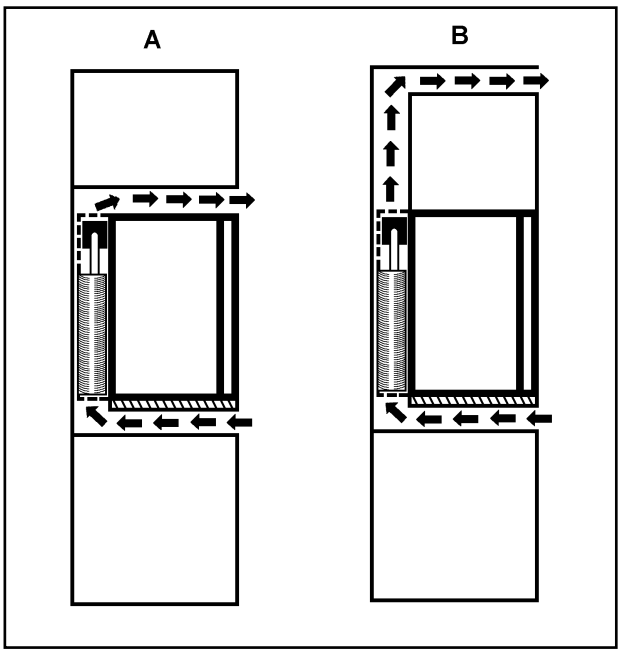


Figure 2.

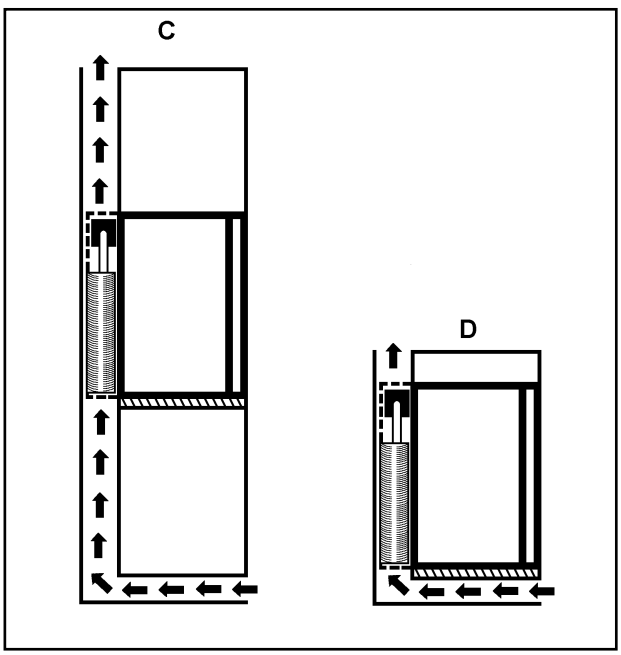


Figure 3.

5. Using the appliance

To start the refrigerator connect the plug to the socket outlet and switch on the socket. The cooling fins should show signs of cooling after about 3 hours.
The refrigerator needs about 6 hours at normal ambient temperature to reach 6 °C in the storage compartment.

5.1. Temperature regulation

The usual setting required is in the region of 4 to 5 on the thermostat knob (Fig. 4), but this can vary with conditions of load and installation. If it is found necessary to alter the setting,the knob can be turned to a higher number to produce a colder temperature, or a lower number to produce a warmer temperature. The effect of any adjustment can be checked by means of the thermometer after leaving the refrigerator operating for a further period to settle down again.

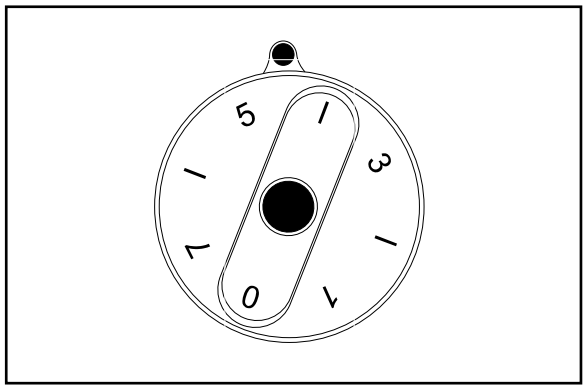


Figure 4.

6. Changing the feet

Should you wish to install your refrigerator, you will not need the 40-mm feet. After having removed the 40-mm feet, you can then re-attach the 12-mm feet, located inside the 40-mm feet, to the front and rear fixing points. The 40-mm feet and the 4 remaining screws should be retained for future use.

7. Thermometer (Fig. 5)

Refer to the separate instruction leaflet supplied with the thermometer. The thermometer can be stood up using the attached stand or alternatively it can be fixed to the refrigerator door, in which case the sensor wire should be arranged so that it is not stretched or damaged when the door is opened.
The temperature sensor is located inside the refrigerator below the bottom shelf.
The display will then show the current, maximum and minimum temperature
inside the refrigerator.
After the first pull down of the refrigerator (allow four hours) please make a "reset" on the thermometer because otherwise it will keep as "maximum" the ambient temperature.
It is important to re-set the thermometer regularly to ensure that the temperature is maintained between 2°C and 8°C.
The temperature readings may rise temporarily after opening the door or placing additional items inside the cabinet.
If applicable the battery transit strip must be removed to activate the temperature display.

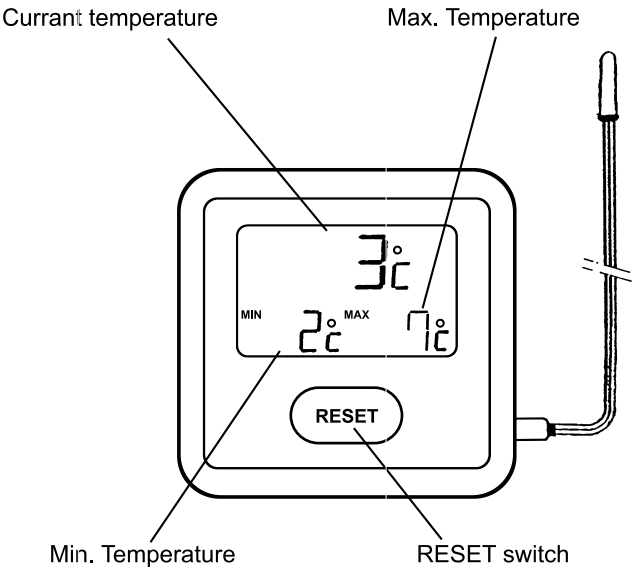


Figure 5.

8. Useful suggestion

Do not overfill the appliance. It is advisable to leave some space between the products in the cabinet to ensure efficient and even cooling. If the shelves are packed too tightly there may be unacceptable temperature variations.

⚠ 9. Defrosting, cleaning and maintenance

Frost will gradually form on the cooling surfaces and it must not be allowed to become too thick since it acts as an insulator and interferes with the cooling.
A semi-automatic defrosting model device can be identified by the push -button in the centre of the thermostat dial. (Fig. 6) To defrost, push in the button in the centre of the thermostat dial but do not turn the dial to another position-leave it at its usual setting.
Close the door.
The defrost button will stay in and the cooling unit will remain switched off until the frost has melted. The defrost button will then automatically spring out to its normal position and the refrigerator will start work again.
The time taken to defrost will depend on the amount of frost to be removed and the room temperature.
The frost will melt and the defrost water will run through the drain tube from the drip channel into an evaporating vessel located at the bottom rear of the refrigerator. (Fig. 7) The defrost water will evaporate automatically into the circulating air and the vessel will not need emptying manually.

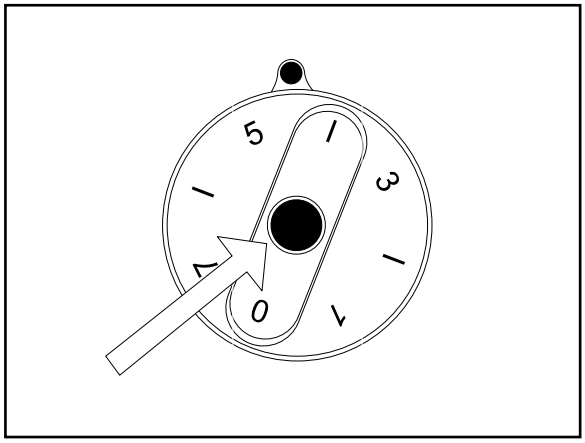


Figure 6.

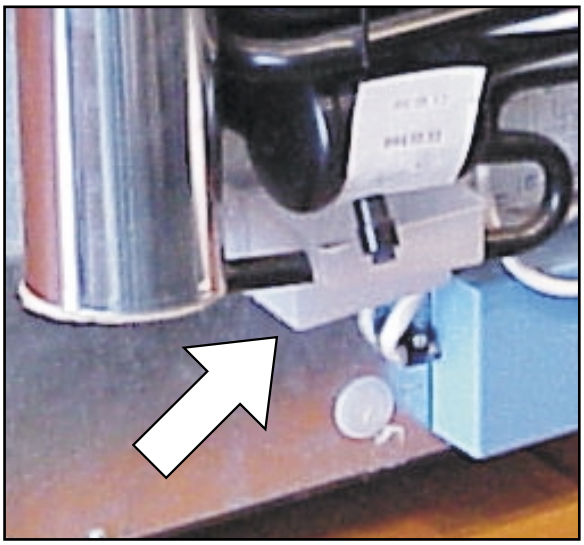


Figure 7.

10. Customer service

Before you call a service engineer, carry out the following simple tests:

- Is there a power failure? Check the fuses.
- Is the plug firmly connected to the socket and is the socket switched on? Check the socket by plugging in another appliance, e.g. a table lamp.
- Is the thermostat at the correct setting? (normally 3 or 4).
- Has the door not been closed properly causing the inside temperature to rise too quickly?
- Is the refrigerator level?
- Has the defrosting button been inadvertently pushed in? (only for semi-automatic defrost)
- If , so turn the thermostat dial to "0" and the defrosting button will be released. Reset the dial to its usual position and the refrigerator should start cool again.
- Has the ventilation become obstructed?

If after checking all the above points, the refrigerator is still not working satisfactorily, contact your nearest service engineer. State the problem, model, product- and serial-number.
(Details of the model, product- and serialnumber are to be found on the data label in the top left of the inside compartment.)
This refrigerator is equipped with overheating protection. An authorised service technician can check whether this has been triggered or not.

In the event of a fault developing, contact your nearest Service Centre-see local telephone directory.

11. Putting into operation

Technical data:

Model	RA 122 H	RA 212 H
Type	MF20-60	MF20-60
Gross volume	31 litre	60 litre
Mains operation	220 - 240V (AC)	220 - 240V (AC)
Input	75W	95W
Energy consumption	1.3 kWh/24h	1.4 kWh/24h
Climate class	N	N
Refrigerant	245g NH_3 +H_2O	525g NH_3 +H_2O

11.1 Connecting to electrical mains

⚠ The appliance may only be operated from nominal voltage mains as shown on the data plate. The appliance mains plug may be connected to a mains socket earthed in accordance with regulations.

Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

The manufacturer declines any liability should these safety measures not be observed.

Electrical Requirements

Before switching on, make sure the electricity supply voltage is the same as that indicated on the appliance rating plate.

12. Environmental protection information

The appliance does not contain any CFCs/HCFCs.

Ammonia (natural hydrogen and nitrogen compound) is used as a refrigerating agent in the refrigeration unit.

The ozone-friendly cyclopentane is activated as a motive agent for the PU foam insulation.

Sodium chromate is used for corrosion protection (less than 2 weight % of the coolant).

13. Recycling

After unpacking the appliance, the packing materials should be delivered to a local collection site. At the end of its useful lifetime, the appliance should be delivered to a specialised collection and reprocessing firm, which reclaims the usable materials. The rest is properly destroyed.

This appliance compiles whit the following EEC directives:

LVD-Directive 73/23/EEC with amendment 90/683/EEC

EMC-Directive 89/336/EEC

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